

AMENDMENTS TO THE SPECIFICATION:

Please amend the Substitute Specification on page 1, line 1, by inserting the following new paragraph:

This is a continuation of Application No. 09/725,945, filed November 30, 2000, and claims the benefit of U.S. Provisional Application no. 60/168,631, filed December 3, 1999 (attorney docket no. 03495-6044), U.S. Provisional Application No. 60/220,207, filed July 24, 2000 (attorney docket no. 03495-6054), and U.S. Provisional Application No. 60/221,117, filed July 27, 2000 (attorney docket no. 03495-6055), all of which are incorporated herein by reference.

Please add the following new paragraphs after paragraph 44 of the Substitute Specification. Please renumber the remaining paragraphs accordingly.

[045] Figure 15 depicts SEQ ID NO: 2, an amino acid sequence encoded by the Tc45 gene with markings as described for Figure 2.

[046] Figure 16 depicts SEQ ID NO: 4, an amino acid sequence encoded by the Tc45 gene with markings as described for Figure 2.

[047] Figure 17 depicts SEQ ID NO: 7, a nucleic acid sequence of Tc45 with markings as described for Figure 5.

[048] Figure 18 depicts SEQ ID NO: 8, a nucleic acid sequence of the Tc45 gene with markings as described for Figure 5.

[049] Figure 19 depicts SEQ ID NO: 9, a nucleic acid sequence of the Tc45 gene with markings as indicated for Figure 5.

[050] Figure 20 depicts SEQ ID NO: 10, a nucleic acid sequence of the Tc45 gene with markings as indicated for Figure 5.

[051] Figure 21 depicts SEQ ID NO: 11, a nucleic acid sequence of the Tc45 gene with markings as indicated for Figure 5.

Please delete pages 86-100 of the Substitute Specification.

Please associate the Sequence Listing filed herewith at the end of the Substitute Specification.